

NPIC/TSSG/DED-1602-69
8 May 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Monitor Visit to [] in Regard to the High Precision Stereo
Comparator Program

1. The following named TSSG personnel visited [] on the dates
indicated: April 21 - [] April 22 - []

2. On 21 April, [] the project manager, gave an oral
report on his monitor visit to [] for the period 14-18 April 1969.
[] states that they are maintaining the planned schedule and will
have the optical system completed and ready for [] to start their
acceptance tests the first part of November. [] stated that he
would not be surprised if [] slipped about a month on the planned
schedule. He said that [] has experienced some trouble working
the FK-50 glass used in the zoom system, that the type of cement used
in cementing some of the optical elements together was slow drying
which resulted in slipping of some elements while drying, and that 10
lens sent out for coating were scratched in shipping and would require
repolishing.

[] has finished the concrete slab arrangement that will hold
the optical bridge during tests of the optical system.

The [] plant will be closed the entire month of August for
their annual vacation (this has been reported in previous reports).
[] has agreed to have an optical engineer and five technicians work
through this period testing components and subsystems for the optical
system.

The mechanical work at [] is progressing very well. [] has
sent [] about 80% of the cables, slip rings, small motors, etc.
that are required.

[] indicated that some of the material [] wished to ship to
[] to be included in the optical system is on the U.S. Government
Export Ban List. This includes potentiometers, dial indicators, copper
wire harness, etc. He also stated that a great deal of the test equip-
ment they hope to use at [] for the final tests (example: oscillo-
scopes) is also on the export ban list. All of this equipment will be
returned to the U.S. at the completion of the subcontract. [] requested
that we attempt to get authorization so that [] may obtain an export
permit for these items.

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25X1 3. [] gave a brief progress report on the Image Analysis System
25X1 subcontract with [] expects to have this completed in May and
25X1 ready for acceptance testing by [] in June 1969. No major problems have
developed on this task.

4. On the morning of 22 April, the project manager described the operation of the stereo comparator, conducted a tour of the Clear Room construction, and demonstrated the air bearing stages and the use of the operator console.

5. The PM of 22 April was spent on a review of the job schedule and discussion of spare parts and maintenance. Messrs. [] expressed displeasure with scheduled delivery of the test plan 90 days prior to the installation of the instrument in []
25X1 agreed to submit a rough copy of the test plan to NPIC by 15 December 1969. This will give the various components in NPIC 2 months to review the test plan prior to TSSG/DED and IEG/PHd performing the preacceptance tests at the contractor's facility in mid February 1970. [] expressed
25X1 concern about being able to include firm tolerances and specifications in the test plan since the optical tests at [] will not be completed until the end of November 1969. [] informed him that he desired the general overall test plan and that the specifics could be negotiated later.

25X1 6. [] has just about completed its recommended spare parts list for the comparator. They did not have the individual pricing for each item on the list; they will add this and submit the list to NPIC shortly.
25X1 [] indicated that it is an extensive list and will probably be quite expensive. He was asked for a ball park figure but stated he could not do this until the items were priced out. He did state that there are some long lead items on the list, notably optical parts that might take a year to replace in case of breakage.

7. Sometime was spent discussing maintenance. Since the instrument is so complicated, all agreed that some sort of a maintenance contract will be required on the instrument. Various plans were discussed such as a contract similar to the Dual Screen Measuring Projector or a contract including other similar equipment in the Building.

25X1 8. On 21 April [] the contract administrator at []
25X1 called [] at the [] plant. He wanted to know how the remaining financing for the Stereo Comparator Program will be handled. He was informed that the remaining [] is programmed for FY-1970. [] said
25X1 to be sure to take care of this early in the fiscal year because he expects the program to run out of the present funds about the first part of November 1969.

[]
TSSG/DED/R&DB-II

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